

ABSTRACT OF THE DISCLOSURE

In the embodiments described in the specification, an electric motor has a stator and a rotor and a wrap layer includes composite lamina arrangement containing a liquid barrier with a veil cloth and a chopped strand mat resin layer, a strength element containing a hoop wrap including a polymeric resin layer with continuous fibers extending circumferentially around the rotor and another polymeric resin layer with fibers extending helically, a liquid barrier having a veil cloth and a chopped strand mat resin layer and another strength element including a polymeric resin layer with continuous fibers extending circumferentially around the rotor. The outer surface of the composite lamina arrangement may be corrugated to promote or inhibit flow of liquid through the space between the stator and the rotor.